

Pipeline Safety Excellence™



Pipeline Safety Excellence™ is the liquid pipeline industry's safety performance initiative. It reflects the shared values and commitment of pipeline operators to building and operating safe pipelines.

99.999%

PERCENTAGE OF
BARRELS OF CRUDE
OIL AND PETROLEUM
PRODUCTS THAT
PIPELINES DELIVER
SAFELY EACH
YEAR

**BY THE
NUMBERS**

-62%

NUMBER
OF RELEASES
FROM U.S. LIQUID
PIPELINES
2001-2012

\$1.6 BILLION

AMOUNT SPENT BY
LIQUID PIPELINE
OPERATORS TO
EVALUATE, INSPECT
AND MAINTAIN
THEIR PIPELINES
IN 2012

14.1 BILLION

BARRELS OF CRUDE OIL
& PETROLEUM PRODUCT
DELIVERED BY PIPELINE
IN 2012

-47%

NUMBER OF
BARRELS RELEASED
FROM U.S. LIQUID
PIPELINES
2001-2012

\$20 MILLION
AMOUNT OF
INDUSTRY PIPELINE
SAFETY R&D
PROJECTS
ONGOING

+310 MILLION

NUMBER OF U.S.
CONSUMERS & WORKERS
WHO BENEFIT
FROM PIPELINES
EVERY DAY

\$10 MILLION
AMOUNT OPERATORS
JOINTLY SPENT ON
PIPELINE SAFETY R&D
IN 2013

185,599

MILES OF
LIQUID ONSHORE
TRANSMISSION
PIPELINE
OPERATED
IN 2012

64,024

MILES OF
PETROLEUM
PRODUCT PIPELINE
OPERATED
IN 2012

59,853

MILES OF
NATURAL GAS
LIQUID PIPELINE
OPERATED
IN 2012

57,051

MILES OF CRUDE
OIL PIPELINE
OPERATED
IN 2012

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Pipeline Safety Excellence™ is the liquid pipeline industry's pipeline safety performance initiative. It reflects the shared values and commitment of pipeline operators to building and operating safe pipelines.

Pipeline operators transporting crude oil, petroleum products like gasoline, diesel, home heating oil and jet fuel, and natural gas liquids, such as propane and ethane, are increasing the safety of their pipelines and improving the pipeline safety performance of their companies through:

1 Shared Pipeline Safety Principles

- Zero Incidents
- A Culture of Safety
- Learn from Experience
- Employ Technology
- Organization-Wide Commitment
- Continuous Improvement
- Safety Systems for Success
- Communicate with Stakeholders

2 Continuous Industry-Wide Pipeline Safety Efforts

Pipeline operator safety and operations managers and staff engage each other on a variety of teams and groups improving pipeline safety performance:

Pipeline Safety Excellence Steering Committee – pipeline operator executives guiding and ensuring safety achievement

Performance Excellence Team – pipeline operator senior managers sharing safety improvement techniques and advancing data management, safety culture and damage prevention initiatives

Pipeline Integrity Work Group – pipeline integrity managers developing industry-wide recommended pipeline integrity practices

Operations and Technical Group – pipeline operations and engineering managers developing industry-wide recommended practices for pipelines

Cybernetics Group – pipeline managers sharing advances and lessons learned on leak detection technology and pipeline control systems

Public Awareness Group – pipeline community outreach managers improving programs to raise public awareness of local pipelines and “call before you dig” programs

Operator Qualification Work Group – pipeline managers ensuring operator qualification practices meet requirements and contribute to safe operations and operating culture

Leadership Teams – pipeline managers and personnel pursuing initiatives to improve industry safety priorities such as emergency response capabilities

3 Annual Pipeline Safety Performance Reporting

Pipeline operators will annually measure and report industry-wide pipeline safety spending and performance to the public.

4 Annual Pipeline Safety Strategic Planning

Pipeline operators will annually develop a pipeline safety strategic plan guiding industry wide efforts over the coming year to improve pipeline safety.

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Shared Pipeline Safety Principles

Pipeline safety values jointly embraced members of API and AOPL

The American Petroleum Institute (API) is the only national trade association that represents all aspects of America's oil and natural gas industry.

The Association of Oil Pipe Lines (AOPL) represents liquid pipeline owners and operators transporting crude oil, petroleum products like gasoline, diesel and jet fuel, and industrial products like propane and ethane.

Zero Incidents

Organization-Wide
Commitment to Safety

Safety Culture

Continuous
Improvement

Learn from Experience

Safety Systems
for Success

Employ Technology

Communicate with Stakeholders